

PHNL

Honolulu Intl

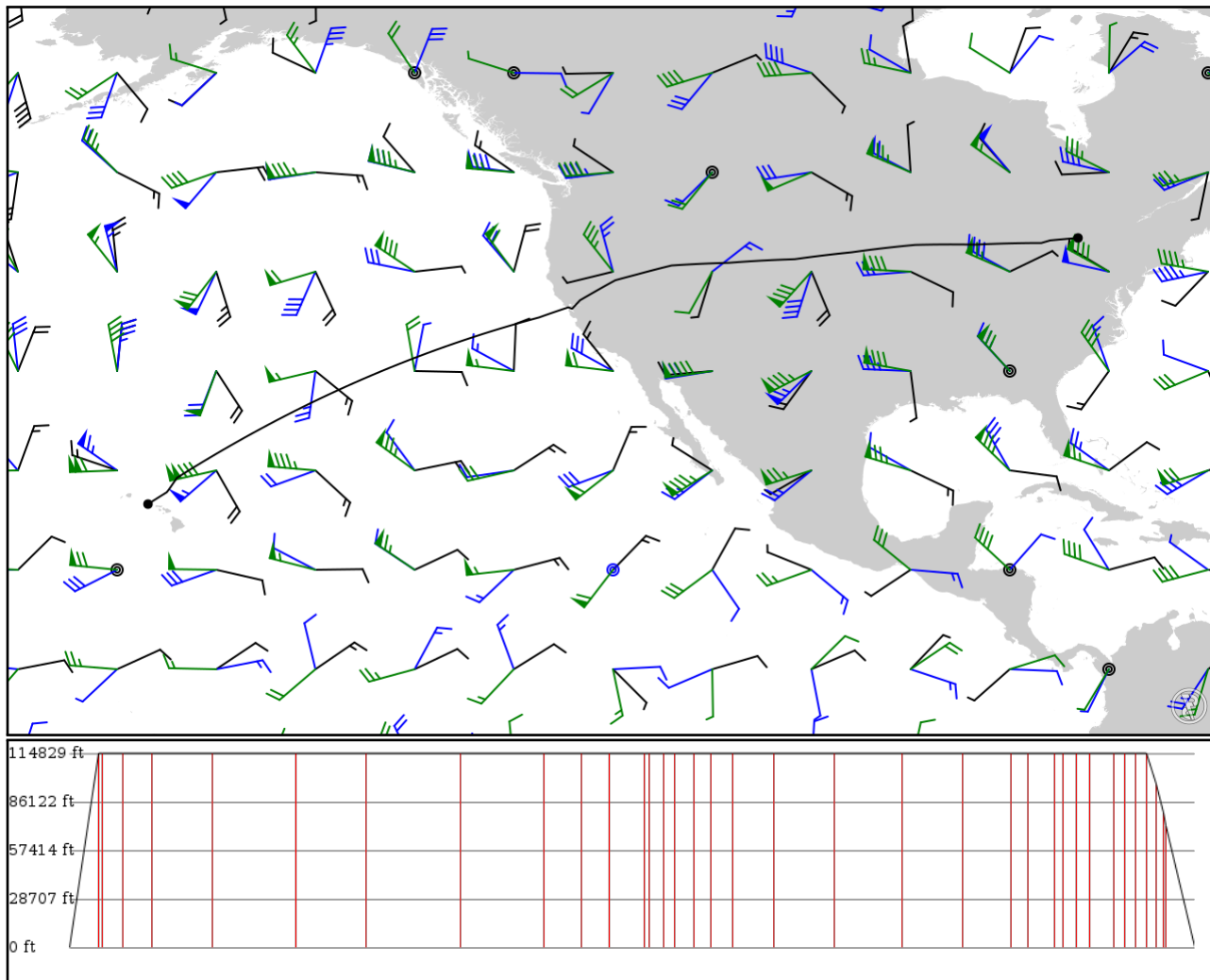
CYYZ

Toronto Lester B Pearson Intl

2024/05/02 0948Z

PHNL CKH99 **R464** BEBOP **C1173I** SAU OAK **J32** BAM **J94** ONL **J148** MCW **J16** ECK **J546** DENG CYYZ

4080.52 nm / 7557.13 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: no
- Use PACOTS: no
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
PHNL	-	21.31938	0 ft	-	Honolulu Intl
APT	-	-157.92128	0 m		
CKH99	-	22.31667	35,000 ft	106	-
FIX	-	-156.34166	10,668 m		
00MKK	R464	22.52806	35,000 ft	15	-
FIX	AWY-HI	-156.17096	10,668 m		
BITTA	R464	23.52803	35,000 ft	71	-
FIX	AWY-HI	-155.47884	10,668 m		
BRADR	R464	24.54333	35,000 ft	108	-
FIX	AWY-HI	-153.84833	10,668 m		
BANDY	R464	26.53025	35,000 ft	219	-
FIX	AWY-HI	-150.45589	10,668 m		
BEATS	R464	29.11347	35,000 ft	299	-
FIX	AWY-HI	-145.62169	10,668 m		
BILLO	R464	31.17833	35,000 ft	256	-
FIX	AWY-HI	-141.29000	10,668 m		
BAKON	R464	33.69886	35,000 ft	342	-
FIX	AWY-HI	-135.22194	10,668 m		
BLUFF	R464	35.64387	35,000 ft	299	-
FIX	AWY-HI	-129.63569	10,668 m		
BAART	R464	36.46194	35,000 ft	140	-
FIX	AWY-HI	-126.93333	10,668 m		
BEBOP	R464	36.99994	35,000 ft	98	-
FIX	AWY-HI	-125.00116	10,668 m		
SAU	C1173I	37.85533	35,000 ft	128	SAUSALITO VORTAC
VOR	AWY-HI	-122.52275	10,668 m		
OAK	-	37.72592	35,000 ft	16	OAKLAND VORTAC
VOR	-	-122.22358	10,668 m		
SAC	J32	38.44375	35,000 ft	53	SACRAMENTO VORTAC
VOR	AWY-HI	-121.55164	10,668 m		
COLOM	J32	38.83897	35,000 ft	39	-
FIX	AWY-HI	-120.87002	10,668 m		
FMG	J32	39.53128	35,000 ft	70	MUSTANG VORTAC
VOR	AWY-HI	-119.65608	10,668 m		
LLC	J32	40.12525	35,000 ft	61	LOVELOCK VORTAC
VOR	AWY-HI	-118.57758	10,668 m		
BAM	J32	40.56908	35,000 ft	80	BATTLE MOUNTAIN VORTAC
VOR	AWY-HI	-116.92225	10,668 m		
LCU	J94	41.36294	35,000 ft	147	LUCIN VORTAC
VOR	AWY-HI	-113.84061	10,668 m		
OCS	J94	41.59022	35,000 ft	217	ROCK SPRINGS VOR-DME
VOR	AWY-HI	-109.01533	10,668 m		
BFF	J94	41.89417	35,000 ft	248	SCOTTSBLUFF VORTAC
VOR	AWY-HI	-103.48203	10,668 m		
ONL	J94	42.47050	35,000 ft	216	O'NEILL VORTAC
VOR	AWY-HI	-98.68692	10,668 m		
GOOLD	J148	42.95859	35,000 ft	177	-
FIX	AWY-HI	-94.71418	10,668 m		
MCW	J148	43.09475	35,000 ft	61	MASON CITY VORTAC
VOR	AWY-HI	-93.32986	10,668 m		
SABBO	J16	43.13145	35,000 ft	94	-
FIX	AWY-HI	-91.16871	10,668 m		
SIBER	J16	43.13468	35,000 ft	34	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-90.39268	10,668 m		
DUTYS	J16	43.13061	35,000 ft	46	-
FIX	AWY-HI	-89.33495	10,668 m		
BAE	J16	43.11686	35,000 ft	46	BADGER VORTAC
VOR	AWY-HI	-88.28433	10,668 m		
DABJU	J16	43.19844	35,000 ft	88	-
FIX	AWY-HI	-86.27327	10,668 m		
GRUBB	J16	43.22425	35,000 ft	40	-
FIX	AWY-HI	-85.33986	10,668 m		
MONEE	J16	43.24050	35,000 ft	38	-
FIX	AWY-HI	-84.46415	10,668 m		
EJOYS	J16	43.25332	35,000 ft	42	-
FIX	AWY-HI	-83.48362	10,668 m		
ECK	J16	43.25589	29,500 ft	33	PECK VORTAC
VOR	AWY-HI	-82.71792	8,992 m		
ECK24	J546	43.40473	24,300 ft	23	-
FIX	AWY-HI	-82.20875	7,407 m		
DENGA	J546	43.47336	22,000 ft	11	-
FIX	AWY-HI	-81.97283	6,706 m		
CYYZ	-	43.67613	0 ft	102	Toronto Lester B Pearson Intl
APT	-	-79.62767	0 m		

PHNL

Region: USA (HAWAII)
Timezone: PACIFIC/HONOLULU
Runways: 4

Elevation: 13 ft / 4 m
Location: 21.319400 -157.921000
Magnetic Var: 9.260 E

METAR

PHNL 020853Z 05009KT 10SM FEW024 FEW045 24/18 A3005

TAF

PHNL 020929Z 0209/0312 06010KT P6SM FEW025 SCT060 FM022000 06016G24KT P6SM SCT030 SCT060 FM030600 06011KT P6SM SC

Frequencies

REC - 127.90 MHz - ATIS	TWR - 118.10 MHz - HONOLULU TOWER
TWR - 123.90 MHz - HONOLULU TOWER	GND - 121.90 MHz - HONOLULU GROUND
CLD - 121.40 MHz - CLEARANCE DELIVERY	APP - 118.30 MHz - HCF APPROACH
DEP - 124.80 MHz - HCF DEPARTURE	DEP - 124.80 MHz - HCF DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04L	150 ft	6,961 ft	52.84	ASPHALT	0 ft	0 ft
	46 m	2,122 m	43.58		0 m	0 m
22R	150 ft	6,961 ft	232.85	ASPHALT	0 ft	0 ft
	46 m	2,122 m	223.59		0 m	0 m
04R	150 ft	9,010 ft	52.85	ASPHALT	0 ft	194 ft
	46 m	2,746 m	43.59		0 m	59 m
22L	150 ft	9,010 ft	232.86	ASPHALT	0 ft	197 ft
	46 m	2,746 m	223.60		0 m	60 m
08R	200 ft	11,987 ft	90.01	ASPHALT	0 ft	558 ft
	61 m	3,654 m	80.75		0 m	170 m
26L	200 ft	11,987 ft	270.02	ASPHALT	0 ft	554 ft
	61 m	3,654 m	260.76		0 m	169 m
08L	150 ft	12,297 ft	90.00	ASPHALT	0 ft	469 ft
	46 m	3,748 m	80.74		0 m	143 m
26R	150 ft	12,297 ft	270.01	ASPHALT	0 ft	696 ft
	46 m	3,748 m	260.75		0 m	212 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IIUM	110.50 MHz	18 nm	-	-	21 ft
				33 km	-		21 m
26L	DME	IEPC	109.10 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
26L	LOC-LOC	IEPC	109.10 MHz	18 nm	304.00	-	13 ft
				33 km	294.74		13 m
04R	GS	IIUM	110.50 MHz	10 nm	52.85	3.00	13 ft
				19 km	43.59		13 m
08L	GS	IHNL	111.70 MHz	10 nm	90.01	3.01	13 ft
				19 km	80.75		13 m

CYYZ

Region: CANADA
Timezone: AMERICA/TORONTO
Runways: 5

Elevation: 564 ft / 172 m
Location: 43.676100 -79.627700
Magnetic Var: 10.261 W

METAR

CYYZ 020900Z 31010KT 15SM SCT180 12/07 A2993 RMK AS4 SLP139

TAF

TAF CYYZ 020840Z 0209/0312 31010KT P6SM FEW180 FM021600 36008KT P6SM FEW040 SCT220 BECMG 0217/0219 14008KT BECMG 0301/0303 20010KT

Frequencies

TWR - 118.35 MHz - TORONTO TOWER	TWR - 118.70 MHz - TORONTO TOWER
GND - 119.10 MHz - TORONTO GROUND	GND - 121.65 MHz - TORONTO GROUND
GND - 121.90 MHz - TORONTO GROUND	REC - 120.82 MHz - ATIS
REC - 133.10 MHz - ATIS	CLD - 121.30 MHz - CLEARANCE DELIVERY
APP - 132.80 MHz - TORONTO APPROACH	APP - 124.47 MHz - TORONTO APPROACH
APP - 125.40 MHz - TORONTO APPROACH	APP - 123.27 MHz - LONDON RADIO
DEP - 127.57 MHz - TORONTO DEPARTURE	DEP - 128.80 MHz - TORONTO DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06L	197 ft	9,707 ft	46.43	ASPHALT	0 ft	131 ft
	60 m	2,959 m	56.69		0 m	40 m
24R	197 ft	9,707 ft	226.45	ASPHALT	194 ft	98 ft
	60 m	2,959 m	236.71		59 m	30 m
06R	197 ft	9,007 ft	46.43	ASPHALT	0 ft	95 ft
	60 m	2,745 m	56.69		0 m	29 m
24L	197 ft	9,007 ft	226.45	ASPHALT	0 ft	95 ft
	60 m	2,745 m	236.71		0 m	29 m
05	197 ft	11,128 ft	46.39	ASPHALT	141 ft	141 ft
	60 m	3,392 m	56.65		43 m	43 m
23	197 ft	11,128 ft	226.41	ASPHALT	492 ft	141 ft
	60 m	3,392 m	236.67		150 m	43 m
15L	197 ft	11,061 ft	136.64	ASPHALT	0 ft	92 ft
	60 m	3,372 m	146.90		0 m	28 m
33R	197 ft	11,061 ft	316.66	ASPHALT	0 ft	89 ft
	60 m	3,372 m	326.92		0 m	27 m
15R	197 ft	9,097 ft	136.62	ASPHALT	597 ft	0 ft
	60 m	2,773 m	146.88		182 m	0 m
33L	197 ft	9,097 ft	316.64	ASPHALT	591 ft	0 ft
	60 m	2,773 m	326.90		180 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24L	DME	IIDP	111.95 MHz	18 nm	-	-	568 ft
				33 km	-		568 m
24R	DME	INV	109.30 MHz	18 nm	-	-	546 ft
				33 km	-		546 m
05	LOC-ILS	ITX	109.70 MHz	18 nm	46.40	-	564 ft
				33 km	56.66		564 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	LOC-ILS	IJS	109.10 MHz	18 nm 33 km	46.44 56.70	-	564 ft 564 m
06R	LOC-ILS	ICV	111.95 MHz	18 nm 33 km	46.44 56.70	-	564 ft 564 m
15L	LOC-ILS	IRW	110.50 MHz	18 nm 33 km	136.65 146.91	-	564 ft 564 m
15R	LOC-ILS	ILP	110.95 MHz	18 nm 33 km	136.63 146.89	-	564 ft 564 m
23	LOC-ILS	IYZ	111.50 MHz	18 nm 33 km	226.40 236.66	-	564 ft 564 m
24L	LOC-ILS	IDP	111.95 MHz	18 nm 33 km	226.44 236.70	-	564 ft 564 m
24R	LOC-ILS	INV	109.30 MHz	18 nm 33 km	226.44 236.70	-	564 ft 564 m
33L	LOC-ILS	ITO	110.95 MHz	18 nm 33 km	316.63 326.89	-	564 ft 564 m
33R	LOC-ILS	ILE	110.30 MHz	18 nm 33 km	316.65 326.91	-	564 ft 564 m
05	GS	ITX	109.70 MHz	10 nm 19 km	46.40 56.66	3.00	564 ft 564 m
06L	GS	IJS	109.10 MHz	10 nm 19 km	46.44 56.70	3.00	564 ft 564 m
06R	GS	ICV	111.95 MHz	10 nm 19 km	46.44 56.70	3.00	564 ft 564 m
15L	GS	IRW	110.50 MHz	10 nm 19 km	136.65 146.91	3.00	564 ft 564 m
15R	GS	ILP	110.95 MHz	10 nm 19 km	136.63 146.89	3.00	564 ft 564 m
23	GS	IYZ	111.50 MHz	10 nm 19 km	226.40 236.66	3.00	564 ft 564 m
24L	GS	IIDP	111.95 MHz	10 nm 19 km	226.44 236.70	3.00	564 ft 564 m
24R	GS	INV	109.30 MHz	10 nm 19 km	226.44 236.70	3.00	564 ft 564 m
33L	GS	ITO	110.95 MHz	10 nm 19 km	316.63 326.89	3.00	564 ft 564 m
33R	GS	ILE	110.30 MHz	10 nm 19 km	316.65 326.91	3.00	564 ft 564 m